Original/Duplicate/Triplicate

**CONTRACT CERTIFICATE**

(For Other Works)

SBR-22/2-8-18

No. 1st & Part Bill

Date.....2018

Zone: BBMP, Yelahanka | Division: BBMP, Byatarayanapura | Sub-Division: BBMP, Kodigehalli

Bill Received No. Dated Divisional / Sub-Divisional

Cash Book Voucher No.....Dated.....

Job Code: 007-18-000014

Schedule Docket No. Head of Account: P2200 Est.Cost: Rs.99.00 Lakhs D.R.NO.:

**Name of Work : Providing water supply through drilling new borewells and water pipeline in Amruthahalli Jakkur, Sahakarnagar,GKVK Layout, Yashohanagara, Padma tent road, L and T Layout, Byatarayanapura and Surrounding areas in Ward No 07**

Name of Contractor and Full Address: Executive Engineer , K.R.I.D.L, #280, 59th Cross Road, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-10

Reference to Agreement No. BBMP/EE/BTP/WO/43/2018-19 Date: 19.07.2018

Certified that the measurements were taken by me on: 30/7/18 and recorded of Pages 494231 to 494248 of measurement Book No. 4943/2017-18 and that work is satisfactorily executed.

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Contractor

A.N.D DE(W2) 30/7/18

Officer-in-charge of work

Certified that measurement were taken by me on 30/7/18 /2018 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Accont have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.,
Bangalore.

Sub-Division Officer

| | |
|---|---|
| 1) Total value of work done or supplies made as per account within | Amount Total: 46,50,130-00 |
| 2) Deduct amount to be held in reserve being.....Percent Rs..... | IT - 93003-00 |
| 3) " Balance | Cess - 46501-00 |
| 4) Deduct Payment: | CBF - 4650-00 |
| a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D.No..... adjusted towards cash advance recovery of | LR - 14415-00 |
| b) Payments cost store or other material supplied. | FSD - 232507-00 |
| Now made recovery of amount creditable to this /other work | |
| Amount paid on this bill Cheque/Cash. | Adju. 391076-00 |
| 5) Balance being unpaid value of work done held in reserve. | Cheque: 42,59,054-00 |
| 6) Deduct cash advance made on the Office cash Book Voucher No..... dated .....less adjustments. | |
| 7) Net amount due to or from Contractor unadjustments items. | |
| 8) Advance to Contractor for materials brought to site (as detailed) within | |
| 9) Value of Government materials supplied. | |
| Total amount adjusted | |

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

Contractor's Signature

Received Rs.....(in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

**Witness**

1

2

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.

Dated.....

Initials of Officer making payment

Assistant Executive Engineer
Byatarayanapura Sub-Division
KRIDL, BBMP, Bangalore

(For use in the Office)

Stamp

ಮೊತ್ತ ಹೊಬಲಗು ರೂ 46,50,130-00

ಮೊಬಿದೆ : ಇದರಲ್ಲಿ ರೂ 391076-00

ಮುಂಡಿಕೊಂಡು ಉಳಿದ ಹೊಬಲಗು 42,59,054-00

Rs: Forty two Lakh fifty nine thousand fifty four only.

Executive Engineer

ತಿಳಿಸಿಕೊಟ್ಟಿದೆ

2/8

ಪರಿಶೀಲಿಸಿದೆ

ಸಹಾಯಕ ಎಂಜಿನಿಯರ್

ಕಾರ್ಯಪಾಲಕ ಎಂಜಿನಿಯರ್

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2/8

| Sl. No. | Items grouped under sub-Heads and Sub-Works of the Estimate Description | Unit |
|---|---|---|
| 1 | Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its quality & acceptability of the users indicating the location of site, recommended depth of casing pipe required to seal the top unconsolidated formation including an extra depth of 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | Each BW |
| 2 | Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars and cap etc.,) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 0 to 50 m | Rmtr |
| | 50 to 100 m | Rmtr |
| | 100 to 150 m | Rmtr |
| | 150 to 200 m | Rmtr |
| | 200 to 250 m | Rmtr |
| | 250 to 300 m | Rmtr |
| 3 | Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of | Rmtr |
| 4 | Providing 250mm dia PVC Pipe 6kg/cm as per specification and direction of the Engineer in Charge of the work | Rmtr |
| 5 | Providing and fixing 160mm Borewell Cap ,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | No. |
| 6 | Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / Atalanta/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings 10.00 HP 20 stage.with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 12.50 HP 30 stage | No |
| | 12.50 HP 25 Stage | |
| | 10 HP 20 Stage | |
| 7 | Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings ( earth work in trenches to be measured and paid for separately ) including cost of all materials, labour charges, HOM of equipments and testing etc., complete and as per the directions of the Engineer-in-charge of the work | Rmtr |

| Previous Measurement | | Present Measurement | | | Total Upto Date | |
|---|---|---|---|---|---|---|
| Qty | Rate Rs. P. | Qty | Rate Rs. P. | Amount | Qty | Cost |
| - | - | 9 | 1938.46 | 17446.14 | 9 | 17446.14 |
| - | - | 450 | 315.18 | 141831.00 | 450 | 141831.00 |
| - | - | 450 | 412 | 185400.00 | 450 | 185400.00 |
| - | - | 450 | 458.35 | 206257.50 | 450 | 206257.50 |
| - | - | 450 | 484.1 | 217845.00 | 450 | 217845.00 |
| - | - | 450 | 560.32 | 252144.00 | 450 | 252144.00 |
| - | - | 400 | 600.49 | 240196.00 | 400 | 240196.00 |
| - | - | 630 | 1325 | 834750.00 | 630 | 834750.00 |
| - | - | 162 | 1100 | 178200.00 | 162 | 178200.00 |
| - | - | 9 | 100 | 900.00 | 9 | 900.00 |
| - | - | 0 | 70600 | 0.00 | 0 | 0.00 |
| - | - | 1 | 60400 | 60400.00 | 1 | 60400.00 |
| - | - | 3 | 50100 | 150300.00 | 3 | 150300.00 |
| - | - | 1080 | 457.92 | 494553.60 | 1080 | 494553.60 |

| | | |
|---|---|---|
| 8 | Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 Volts. with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | Mtr |
| 9 | Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) etc., complete and as per the directions of the Engineer-in-charge of the work | Length |
| 10 | Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | No |
| 11 | Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | Mtr |
| 12 | Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-2000, with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | Mtr |
| 13 | Digging or trenching of 0.6 m x 0.5 m wide refilling the trench to the required ground level and consolidating etc., complete as per Civil SR KSRB 1-2 P-7 with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | Mtr |
| 14 | Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | Mtr |
| 15 | Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc.,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | No |
| 16 | Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, (PWD Electrical SR-1999-2000, with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | No |
| 17 | Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc.,with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | No. |
| 18 | Providing and fixing in position **50mm** nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | No |
| 19 | Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete.with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | No. |
| 20 | SSupplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour etc., complete and as per the directions of the Engineer-in-charge of the work | No |

| | | | | | | |
|---|---|---|---|---|---|---|
| - | - | 2300 | 126.7 | 291410.00 | 2300 | 291410.00 |
| - | - | 196 | 88 | 17248.00 | 196 | 17248.00 |
| - | - | 4 | 302 | 1208.00 | 4 | 1208.00 |
| - | - | 140 | 140.4 | 19656.00 | 140 | 19656.00 |
| - | - | 140 | 10.8 | 1512.00 | 140 | 1512.00 |
| - | - | 118 | 85 | 10030.00 | 118 | 10030.00 |
| - | - | 36 | 345 | 12420.00 | 36 | 12420.00 |
| - | - | 4 | 280 | 1120.00 | 4 | 1120.00 |
| - | - | 4 | 2727 | 10908.00 | 4 | 10908.00 |
| - | - | 24 | 180 | 4320.00 | 24 | 4320.00 |
| - | - | 4 | 1585.76 | 6343.04 | 4 | 6343.04 |
| - | - | 4 | 227.9 | 911.60 | 4 | 911.60 |
| - | - | 16 | 104.3 | 1668.80 | 16 | 1668.80 |

| | | |
|---|---|---|
| 21 | Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 30 amps triple pole with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | No |
| 22 | Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | Sq.Cm |
| 23 | Supplying fully automatic store detta starter unit push button type with suitable wires three contractors one adjustable termal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3pase and wired offter fixing to the wooden board for motor upto 12.50 HP with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | No |
| 24 | Earthwork excavation for pipeline foundation including deporiting or bank up to a depth of 50 mtrs including shiriry and statting danger lighting and using site rails and boming poles at every 100 mtrs wherever necessary as directed in th following strructure manhole with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | Cum |
| 25 | Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe alround to a depth Not less than 15cm with grave or selected earth avalabile from the execavation with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work 75mm Dia 6 KSC | Rmtr |
| 26 | Sand filling in wells complete as per drawing and technical specifications etc., complete and as per the directions of the Engineer-in-charge of the work | Cum |
| 27 | Refilling the bumont and pipeline treanches with secleted available earthe for trench excavation including authority condition in layers from thedi including disponsary of the sunplus earth with a heavy 200 mtrswith all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | Cum |
| 28 | Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification with all lead and lift, loading, unloading and labour charges etc., complete and as per the directions of the Engineer-in-charge of the work | Each |
| | **ROOM FOR RO PLANT** | |
| 29 | Earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, **in Hard soil** not exceeding 1.5m, in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m, after breaking of clods etc., complete and as per the directions of the Engineer-in-charge of the work | Cum |
| 30 | Providing and laying in position plain cement concrete of **mix 1:4:8 with OPC cement @ 180 kgs with 40mm** and down size graded granite metal coarse aggregates @ 0.85cum and fine aggregares @ 0.57 cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing etc., complete and as per the directions of the Engineer-in-charge of the work | Cum |
| 31 | Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6**, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work | Cum |
| 32 | Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc., complete and as per the directions of the Engineer-in-charge of the work | Cum |

| | | | | | | |
|---|---|---|---|---|---|---|
| - | - | 4 | 1547 | 6188.00 | 4 | 6188.00 |
| - | - | 93600 | 0.33 | 30888.00 | 93600 | 30888.00 |
| - | - | 4 | 6583 | 26332.00 | 4 | 26332.00 |
| - | - | 306 | 188 | 57528.00 | 306 | 57528.00 |
| - | - | 850 | 157 | 133450.00 | 850 | 133450.00 |
| - | - | 153 | 2922.42 | 447130.26 | 153 | 447130.26 |
| - | - | 153 | 61 | 9333.00 | 153 | 9333.00 |
| - | - | 33 | 2729.5 | 90073.50 | 33 | 90073.50 |
| - | - | | | | | |
| - | - | 0 | 204.12 | 0.00 | 0 | 0.00 |
| - | - | 0 | 5256.36 | 0.00 | 0 | 0.00 |
| - | - | 0 | 4521.96 | 0.00 | 0 | 0.00 |
| - | - | 0 | 5405.4 | 0.00 | 0 | 0.00 |

| | | |
|---|---|---|
| 33 | Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour etc., complete and as per the directions of the Engineer-in-charge of the work | Cum |
| 34 | Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, ncluding cost of all materials, labour, HOM of machinery, curing etc., complete and as per the directions of the Engineer-in-charge of the work | Sqm |
| 35 | Providing and Construction of pup panel cabin MS material vetical 50 x 100 mm thick tube, rafter 50 x 100 mm thick rectangle tube 50 x 50 mm thick tuve purlines, roof panel of 30 mm sandwitch puf panel density : 40 kg and wall panel of 30 mm sandwitch puf pannel density : 40 kgs (polyurethane foam) with noth side G I Colour coated sheet ancillaries like C-channels, angles, sealene etc, door of size 1.8 x 2.0 m an alluminium powder coated window of size 1.00 x 2.00 m 1 No of structural glazing (fixed and sliding One side slope as per elclosed drawing cabin of size etc (Approved Quoated Rate) (10 x 12 Ft) | Each |
| , 36 | Providing and fixing Special make glazed Vitrified tiles (Granomite finish) of approved make, quality and colour of size 600x600x10mm thick fixed on existing flooring with a special roffe adhesive for flooring and skirting etc., complete including providing spears at required interval and removing stains etc., complete and as per the directions of the Engineer-in-charge of the work | Sqm |
| 37 | **10000 LPD R.O. Plant** | |
| | Storage Drinking / Portable Water : 5000 Liters Capacity | Nos |
| | **ELECTRIFICATION** | |
| 38 | Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC insulated, 2 X1.5Sq.mm Cable confirming to the GTP, with a 6Amps flush type SP control switch shall be fixed on the existing plastic sheet / gang box, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet. GROUP A b) Medium point above 3Mtr upto 6Mtr from tapping point to out let via switch etc., complete and as per the directions of the Engineer-in-charge of the work | Point |
| 39 | c) Long point above 6Mtr upto 10Mtr from tapping point to out let via switch | Point |
| 40 | Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after due groove cutting, Finishing with necessary cement plastering complete (1.6.5) 4"x4"x3" ( 101x101x76mm) etc., complete and as per the directions of the Engineer-in-charge of the work | Each |
| 41 | (1.6.1) 12"x12"x3" (300x300x76mm) | Each |
| 42 | (1.6.3)10"x7"x3" (254x178x76mm) | Each |
| 43 | Supplying 4mm thick plastic sheet with necessary nitches for fixing switches, regulators etc., and fixing on existing wooden or metal box using N.F. screws etc., complete and as per the directions of the Engineer-in-charge of the work | SqCM |
| 44 | Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete. upto 50mm conduit in brick wall etc., complete and as per the directions of the Engineer-in-charge of the work | Mtr |
| 45 | Supplying heavy gauge PVC Conduit Pipe 19/20 mm dia 2 mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary etc., complete and as per the directions of the Engineer-in-charge of the work | Mtr |
| 46 | Supplying and fixing PBBC/Bakelite straight or slant batten holder and wiring with 60w/230 volts lamps etc., complete and as per the directions of the Engineer-in-charge of the work | Each |
| 47 | Supplying patti type fluorescent tube light fitting of 2' - suitable for 14 watts fluorescent tube fitting, made out of M.S. Sheet and stove enameled with HF Electronic Ballast , locking type brass contact holders mounted on double fold type sheet base fully wired for use on 230 volts AC . Supply including T5 lamp etc., complete and as per the directions of the Engineer-in-charge of the work | Each |

| | | | | | | |
|---|---|---|---|---|---|---|
| - | - | 0 | 137.16 | 0.00 | 0 | 0.00 |
| - | - | 0 | 5876.28 | 0.00 | 0 | 0.00 |
| - | - | 0 | 268000 | 0.00 | 0 | 0.00 |
| - | - | 0 | 1285.2 | 0.00 | 0 | 0.00 |
| - | - | | | | | |
| - | - | 0 | 946000 | 0.00 | 0 | 0.00 |
| - | - | | | | | |
| - | - | 0 | 245 | 0.00 | 0 | 0.00 |
| - | - | 0 | 363 | 0.00 | 0 | 0.00 |
| - | - | 0 | 68 | 0.00 | 0 | 0.00 |
| - | - | 0 | 116 | 0.00 | 0 | 0.00 |
| - | - | 0 | 87 | 0.00 | 0 | 0.00 |
| - | - | 0 | 0.25 | 0.00 | 0 | 0.00 |
| - | - | 0 | 21 | 0.00 | 0 | 0.00 |
| - | - | 0 | 56 | 0.00 | 0 | 0.00 |
| - | - | 0 | 88 | 0.00 | 0 | 0.00 |
| - | - | 0 | 591 | 0.00 | 0 | 0.00 |

| | | |
|---|---|---|
| 48 | Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand Copper with low conductor resistance single core wire in open or concealed system of wiring with specified IS-694:1990 & confirming to GTP of GROUP -A 1.5 sqmm etc., complete and as per the directions of the Engineer-in-charge of the work | Mtr |
| 49 | Supplying and fixing cast Aluminum round or oblong type bulk head fitting with GI wire guard, glass cover with 60/100 watts 230V GLS lamp etc., complete and as per the directions of the Engineer-in-charge of the work | Each |
| 50 | Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia etc., complete and as per the directions of the Engineer-in-charge of the work | No |
| 51 | Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A etc., complete and as per the directions of the Engineer-in-charge of the work | Mtr |
| 52 | Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct etc., complete and as per the directions of the Engineer-in-charge of the work | Mtr |
| 53 | Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., complete For Cutting Road Surface etc., complete and as per the directions of the Engineer-in-charge of the work | Mtr |
| 54 | Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV 40mm dia GI pipe etc., complete and as per the directions of the Engineer-in-charge of the work | Mtr |
| 55 | Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers 16Sqmm etc etc., complete and as per the directions of the Engineer-in-charge of the work | No. |
| | **Bescom Deposit Charges** | |
| | **Total** | |
| | Add 10% K.R.I.D.L Charges | |
| | Add 1% Labour Cess Charges | |
| | **Total** | |

CRTIFICATE:

1. Certified that the above work done satisfactory and no materials issued from Department

AE(WS)

| | | | | | | |
|---|---|---|---|---|---|---|
| - | - | 0 | 18.6 | 0.00 | 0 | 0.00 |
| - | - | 0 | 747 | 0.00 | 0 | 0.00 |
| - | - | 0 | 2727 | 0.00 | 0 | 0.00 |
| - | - | 0 | 140.4 | 0.00 | 0 | 0.00 |
| - | - | 0 | 10.8 | 0.00 | 0 | 0.00 |
| - | - | 0 | 85 | 0.00 | 0 | 0.00 |
| - | - | 0 | 345 | 0.00 | 0 | 0.00 |
| - | - | 0 | 280 | 0.00 | 0 | 0.00 |
| | | | — | 32640.00 | | 32640.00 |
| | | | 4159901 - | 4192541.44 | | 4192541.44 |
| | | | 415990 - | 419254.14 | | 419254.14 |
| | | | 41599 - | 41925.41 | | 41925.41 |
| Bescom Deposit charges + | | | 32640 - | 4653721.00 | | 4653721.00 |

~~36,96,152-00~~

G. Total Rs: 46,50,130-00

Assistant Executive Engineer
Kodigehalli Sub Division,
Yelahanka Zone, B.B.M.P.
Bangalore